

ABSTRACT

A sequentially joined segment armature coil is provided which may be employed in an *ac* machine such as an *ac* motor or
5 motor generator. The armature coil is equipped with three phase coils each of which is made up of a first and a second phase windings identical in number of turns. This structure permits the number of turns of the armature coil to be changed easily by changing a connection of the first and second phase winding
10 between a series connection and a parallel connection or changing a connection of the phase coils between a star connection and a delta connection. The structure also enables terminal leads of the first and second phase windings of each of the phase coils to be collected and withdrawn outside the *ac* machine, thus facilitating ease of
15 arrangement of the terminal leads.